

## NWS NWP-STIP WG Meeting

May 22, 2002

### Attendees:

Jeff McQueen, NWS/OST/SPB  
Paul Hirschberg, NWS/OST/SPB  
Ralph Petersen, NWS/NCEP/EMC

Dave Stensrud, OAR/NSSL  
Steve Koch, OAR/FSL

The kickoff NWS NWP S&T Infusion Plan (STIP) meeting was held on May 22, 2002.  
The group raised questions on the purpose and the objective of the STIP and team logistics.  
(Next meeting: Monday, June 14, 11 AM EDT , Room 16246, SSMC2, VTC available).

### Actions/Issues:

1. **Roadmap budgets.** The group is to create a 10 year threshold and objective NWP roadmap. A threshold roadmap would include only developments that are covered in base funding and the FY03 approved initiative funding. The objective roadmap would include developments included in FY04 initiatives plus any additional capabilities needed to meet the NWS GPRA goals.

**Action:** Determine OAR base funding including NOAA plus additional agency funding (Hirschberg, O'Sullivan, 6/14/02).

**Action:** Provide current NWP plans for each agency that NWS/OST can use to fill in roadmap and supporting metadata information. (NWP STIP Team members, 6/14/02).

The information should contain for example:

*Capability deployment-year Resolution Run-frequency Stage(Exploratory, RD&D, PD, Deploy)*

HRW-WRF	2004	8km/L64	48hrs/1x-day	R&D
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Any information to support the supporting metadata (wp file) files, is also requested: (eg: Expected weather improvement, budget, R&D needs).

2. **Service lead interactions.** The group recommended increased interactions with the STIP service leads. Such interactions would facilitate a better understanding of the value of new NWP technologies as well as help determine the service needs.

**Action:** Meet with service leads weekly to update them on NWP roadmap (McQueen)

Obtain service lead need draft documents to determine their primary needs (McQueen, 6/14/02)

3. **Future capability choices.** The question about how to choose and prioritize various modeling solutions for the objective roadmap. Several out year technologies (ie: ensembles vs model resolution resources) are exploratory and its value to weather forecasting may not be determined until preliminary results are evaluated. These results would then help guide future decision planning in the out years. S&T business cases would help in the selection but for many future NWP technologies, these analyses have not or can not be performed yet.

**Action:** Obtain guidance from NWS/OAR/NESDIS S&T committee on how to choose and prioritize out year roadmap capabilities. (McQueen, 6/14/02)

4. **Meeting logistics.** The team will review the latest roadmap and supporting metadata through a VTC on **June 14 at 10 AM EDT**. The team can also consider meeting at the upcoming WRF users meeting in Boulder (June 24-27) and at the NWP conference in San Antonio in August.

Preliminary background NWP materials and local NWP plans are being added to the OST/NWP planning web page: <http://www.nws.noaa.gov/ost/np.htm>

